ABSTRACT OF THE DISCLOSURE

In order to perform accurate fuel injection control in response to fuel injection requests from the engine side without being affected by variations in power supply voltage and in coil temperature of a fuel injection solenoid and by other external factors, driving of the fuel injection solenoid is controlled based on the actual current integral of the coil current flowing through the solenoid after starting driving the solenoid. More specifically, the present invention provides a fuel injection control method having the steps of starting driving of a fuel injection solenoid, detecting an actual current integral of a coil current that flows through the solenoid after starting the driving of the solenoid, comparing the actual current integral with a reference current integral beforehand set in relation to a driving pulse width for the solenoid corresponding to a required fuel injection amount, and correcting the driving pulse width for the solenoid based on comparison between the actual current integral and the reference current integral, where the driving of the solenoid is controlled based on the corrected driving pulse width.